

SEQUENCE LISTING

5

<110> Andrade-Gordon, Patricia

Darrow, Andrew

10

Qi, Jenson

15

<120> DNA Encoding Human Serine Protease EOS

20

<130> ORT-1031

25

<140>

30

<141>

ORT-1031

2004-2009 TSC-4007

<160> 7

5

<170> PatentIn Ver. 2.0

10

<210> 1

15

<211> 1613

20

<212> DNA

<213> Homo sapiens

25

<400> 1

30

10042091.010302

ccacgcgtcc gaccagagtc caagccctag gcagtgccac ccttaccag ccagccttg 60

aagacagaa t gagaggggtt tctgtctcc aggtcctgt ccttctggtg ctgggagctg
120

ctgggactca gggaaggaag tctgcagcct gcgggcagcc cgcgatgtcc agtcggatcg
180

ttgggggccc ggatggccgg gacggagagt ggccgtggca ggcgagcatc cagcatcctg
240

gggcacacgt gtgcgggggg tcgtcatcg cccccagtg ggtgctgaca gcggcgcaact
300

gcttccccag gagggcactg ccagctgagt accgcgtgcg cctgggggcg ctgcgtctgg
360

gtccacctc gccccgacg ctctcggtgc ccgtgcgacg ggtgctgctg ccccggaact
420

actccgagga cggggcccg gcgcacctgg cactgctgca gctgcgtcgc ccggtgcccc
480

tgagcgctcg cgtccaaccc gtctgcctgc ccgtgcccgg cggccgcccg ccgcccggca
540

caccatgccg ggtcacccgc tggggcagcc tccgccagc agtgcccctc ccagagtggc
600

gaccgctaca aggagtaagg gtgccgctgc tggactcgcg cacctgcgac ggccctctacc
660

10042091.010802

acgtgggcgc ggacgtgccc caggtgagc gcattgtgct gcctgggagt ctgtgtgccg
720

5 gctaccccca gggccacaag gacgcctgcc aggggtgattc tgggggacct ctgacctgcc
780

tgcaagtctgg gagctgggtc ctggtgggcg tggtagctg gggcaagggg tgtgccctgc
840

10 ccaaccgtcc aggggtctac accagtgtgg ccacatatag ccctggatt caggctcgcg
900

tcacttctaa tgctagccgg tgaggctgac ctggagccag ctgctggggg cctcagcct
960

15 cctggttcat ccaggcacct gcctataccc cacatccctt ctgcctcgag gc caagatgc
1020

20 ctaaaaaagc taaaggccac cccaccccc acccaccacc ttctgggtcc tctcctcttt
1080

ggggatcacc agctctgact ccaccaaccc tcatccagga atctgccatg agtcccaggg
1140

25 agtcacactc cccactccct tcttggttg tatttacttt tcttgccct ggccagggt
1200

gggcgcaagg cacgcagtga tgggcaaacc aattgctgcc catctggcct gtgtgcccat
1260

30 ctttttctgg agaaagtcag attcacagca tgacagagat ttgacaccag ggagatcctc
1320

10042091.010802

catagctggc tttgaggaca cggggaccac agccatgagc ggcctctaag agctgagaga
1380

5 cagccggcag ggaatcggaa ccctcagacc cacagccgca aggcactgga ttctggcagc
1440

accctgaagg agctgggaag taagttcttc cccagcctcc agataagagc ccgcccggcc
1500

10 aatcccttca tttcaaccta aagagaccct aagcagagaa cctagctgag ccactcctga
1560

cctacaaagt tgtgacttaa taaatgtgtg ctttaagctg ccaaaaaaaaa aaa
1613

15

<210> 2

20

<211> 20

25

<212> DNA

<213> Artificial Sequence

30

10042091.010802

<220>

<223> Description of Artificial Sequence:

5

oligonucleotide

10

<400> 2

15

gagaaagtca gattcacagc

20

20

<210> 3

25

<211> 20

<212> DNA

30

<213> Artificial Sequence

<220>

5

<223> Description of Artificial Sequence:

10 oligonucleotide

15

<400> 3

ctgcttaggg tctctttagg

20

20

25

<210> 4

<211> 40

30

<212> DNA

1.0042091.010802
208070"1602400T

<213> Artificial Sequence

5

<220>

10

<223> Description of Artificial Sequence:

oligonucleotide

15

<400> 4

20

tgagcggcct ttaagagttg agagacagcc ggcaggggaat

40

25

<210> 5

30

<211> 30

<212> DNA

<213> Artificial Sequence

5

10

<220>

<223> Description of Artificial Sequence:

15

oligonucleotide

20

<400> 5

25

gggatctaga ggacggagag tggccgtggc

30

30

<210> 6

2030T0T602400T

<211> 34

<212> DNA

5

<213> Artificial Sequence

10

<220>

15

<223> Description of Artificial Sequence:

oligonucleotide

20

25

<400> 6

ctcatctaga agcattagaa gtgacgcgag cctg

34

30

<210> 7

<211> 284

5

<212> PRT

10

<213> Homo sapiens

15

<400> 7

Met Arg Gly Val Ser Cys Leu Gln Val Leu Leu Leu Leu Val Leu Gly

20

1

5

10

15

25

Ala Ala Gly Thr Gln Gly Arg Lys Ser Ala Ala Cys Gly Gln Pro Arg

30

20

25

30

20807016024007

Met Ser Ser Arg Ile Val Gly Gly Arg Asp Gly Arg Asp Gly Glu Trp

5

35

40

45

10

Pro Trp Gln Ala Ser Ile Gln His Pro Gly Ala His Val Cys Gly Gly

15

50

55

60

20

Ser Leu Ile Ala Pro Gln Trp Val Leu Thr Ala Ala His Cys Phe Pro

25

65

70

75

80

30

Arg Arg Ala Leu Pro Ala Glu Tyr Arg Val Arg Leu Gly Ala Leu Arg

208070-16024001

85

90

95

5

Leu Gly Ser Thr Ser Pro Arg Thr Leu Ser Val Pro Val Arg Arg Val

10

100

105

110

15

Leu Leu Pro Pro Asp Tyr Ser Glu Asp Gly Ala Arg Gly Asp Leu Ala

20

115

120

125

25

Leu Leu Gln Leu Arg Arg Pro Val Pro Leu Ser Ala Arg Val Gln Pro

130

135

140

30

208070-16024007

Val Cys Leu Pro Val Pro Gly Ala Arg Pro Pro Pro Gly Thr Pro Cys

145

150

155

160

5

Arg Val Thr Gly Trp Gly Ser Leu Arg Pro Gly Val Pro Leu Pro Glu

10

165

170

175

15

Trp Arg Pro Leu Gln Gly Val Arg Val Pro Leu Leu Asp Ser Arg Thr

20

180

185

190

25

Cys Asp Gly Leu Tyr His Val Gly Ala Asp Val Pro Gln Ala Glu Arg

30

195

200

205

Ile Val Leu Pro Gly Ser Leu Cys Ala Gly Tyr Pro Gln Gly His Lys

5

210

215

220

10

Asp Ala Cys Gln Gly Asp Ser Gly Gly Pro Leu Thr Cys Leu Gln Ser

15

225

230

235

240

20

Gly Ser Trp Val Leu Val Gly Val Val Ser Trp Gly Lys Gly Cys Ala

25

245

250

255

30

Leu Pro Asn Arg Pro Gly Val Tyr Thr Ser Val Ala Thr Tyr Ser Pro

2004-2001-010802

- 78 -

260

265

270

5

Trp Ile Gln Ala Arg Val Thr Ser Asn Ala Ser Arg

10

275

280

208070-1603400T